

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		amato.joseph.in.	US-PGPUB; USPAT	OR	ON	2010/10/04 17:25
		((resist\$4 same misalign\$3 same mask same (test adj (pad or terminal)) same interconnect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:06
L1	2	((first second) same mask and pad and (inteconnect connect\$3) and signal same (alignment) and (resistor resistance resistive)). clm.	US-PGPUB; USPAT	OR	ON	2010/10/04 17:23
L2	2	((first second) same mask and pad and (inteconnect connect\$3) and signal same (orthogonal perpendicular) and (alignment) and (resistor resistance resistive)). clm.	US-PGPUB; USPAT	OR	ON	2010/10/04 17:23
L3	30	((first second) same mask and pad and (inteconnect connect\$3) and (alignment) and (resistor resistance resistive)).clm.	US-PGPUB; USPAT	OR	ON	2010/10/04 17:24
L4	1	amato-joseph.in.	US-PGPUB; USPAT	OR	ON	2010/10/04 17:25
L5	1878	nxp.as.	US-PGPUB; USPAT	OR	ON	2010/10/04 17:26
L6	0	L1 and L5	US-PGPUB; USPAT	OR	ON	2010/10/04 17:26
S1	2	"6393714".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 19:05
S2	2	"4571538".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 19:06
S3	2	"5916715".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 19:07

S4	1	"10587442"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 09:19
S5	1	"11579062"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 15:53
S6	2	"6393714".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 14:22
S7	0	S6 and (max\$4 adj resistance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 14:22
S8	0	("693,695,696,701").ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 14:59
S9	1269	(324/693,695,696,701).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:00
S10	1	resist\$4 same misalign\$3 same mask same (test adj (pad or terminal)) same (interconnect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:01
S11	4	resist\$4 same misalign\$3 same mask same (test adj (pad or terminal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:02
S12	1	S9 and (mask adj misalignment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:02

S13	4	S9 and (misalignment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:03
S14	0	(stick or hook) same S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:04
S15	1	amato-joseph.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:04
S16	9093	(max\$4 adj resistance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:05
S17	1	(resist\$4 same misalign\$3 same mask same (test adj (pad or terminal)) same interconnect)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 15:06
S18	11	("3808527"   "4386459"   "4437760"   "4571538"   "4647850"   "5456018"   "5543633"   "5699282"   "5770995"   "5998226"   "6305095").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/09 15:07
S19	1	"10587442"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/09 15:51
S20	11	("3808527"   "4386459"   "4437760"   "4571538"   "4647850"   "5456018"   "5543633"   "5699282"   "5770995"   "5998226"   "6305095").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/09 16:24
S21	1	"3808527".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/09 17:09
S22	8736086	((measur\$3 or detect\$3)near\$2 (variable adj resistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 09:34

S23	2	"6393714".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 09:34
S24	2	S22 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 09:34
S25	2	S23 and (measure same resistance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/10 09:35
S26	3	"4153998".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:43
S27	1	"10587442"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 11:08
S28	5297	interconnect same contact same mask	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/15 10:54
S29	4806	interconnect same contact same mask	US-PGPUB; USPAT	OR	ON	2010/07/15 10:55
S30	422	324/693.ccls.	US-PGPUB; USPAT	OR	ON	2010/07/15 10:55
S31	0	S28 and S30	US-PGPUB; USPAT	OR	ON	2010/07/15 10:55
S32	501	interconnect same contact same mask and (resistance resistor) and misalignment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/15 10:56
S33	494	interconnect same contact same mask and (resistance resistor) and misalignment	US-PGPUB; USPAT	OR	ON	2010/07/15 10:56
S34	30860	reference with mask	US-PGPUB; USPAT	OR	ON	2010/07/15 10:57
S35	63	S33 and S34	US-PGPUB; USPAT	OR	ON	2010/07/15 10:57

S36	69092	(orthogonal perpendicular) with contact	US-PGPUB; USPAT	OR	ON	2010/10/04 12:20
S37	576	(orthogonal perpendicular) with contact same interconnect	US-PGPUB; USPAT	OR	ON	2010/10/04 12:21
S38	42121	mask same alignment	US-PGPUB; USPAT	OR	ON	2010/10/04 12:21
S39	24	S37 and S38	US-PGPUB; USPAT	OR	ON	2010/10/04 12:21
S40	1045	(first second) same mask and pad and (inteconnect connect\$3) and signal same (orthogonal perpendicular) and (alignment) and (resistor resistance resistive)	US-PGPUB; USPAT	OR	ON	2010/10/04 13:47
S41	102330	"324"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/04 13:49
S42	32	S40 and S41	US-PGPUB; USPAT	OR	ON	2010/10/04 13:49
S43	1	"6393714".pn.	US-PGPUB; USPAT	OR	ON	2010/10/04 14:22
S44	1	"4571538".pn.	US-PGPUB; USPAT	OR	ON	2010/10/04 14:22
S45	1	"5916715".pn.	US-PGPUB; USPAT	OR	ON	2010/10/04 14:22
S46	22	("3808527"   "4386459"   "4437760"   "4571538"   "4647850"   "5456018"   "5543633"   "5699282"   "5770995"   "5998226"   "6305095").PN. OR ("6393714").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/04 14:25
S47	21	("3808527"   "4386459").PN. OR ("4571538").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/04 14:51
S48	22	("3808527"   "4386459"   "4437760"   "4571538"   "4647850"   "5456018"   "5543633"   "5699282"   "5770995"   "5998226"   "6305095").PN. OR ("6393714").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/04 14:53
S49	20	("3751647"   "3842491"   "5553274"   "5705301"   "5707765"   "5723233"   "5773315").PN. OR ("5916715").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/04 14:54
S50	0	S40 and S44	US-PGPUB; USPAT	OR	ON	2010/10/04 15:13
S51	0	S40 and S43	US-PGPUB; USPAT	OR	ON	2010/10/04 15:13
S52	0	S40 and S45	US-PGPUB; USPAT	OR	ON	2010/10/04 15:14
S53	790	33/645.ccls.	US-PGPUB; USPAT	OR	ON	2010/10/04 15:14

S54	0	S40 and S53	US-PGPUB; USPAT	OR	ON	2010/10/04 15:15
S55	1434	(first second) same mask and pad and (inteconnect connect\$3) and signal same (alignment) and (resistor resistance resistive)	US-PGPUB; USPAT	OR	ON	2010/10/04 15:15
S56	0	S53 and S55	US-PGPUB; USPAT	OR	ON	2010/10/04 15:15
S57	6289	(first second) same mask and pad and (inteconnect connect\$3) and signal and (alignment) and (resistor resistance resistive)	US-PGPUB; USPAT	OR	ON	2010/10/04 15:16
S58	0	S53 and S57	US-PGPUB; USPAT	OR	ON	2010/10/04 15:16
S59	28903	(first second) same mask and alignment and (resistor resistive resistance)	US-PGPUB; USPAT	OR	ON	2010/10/04 15:33
S60	6	S53 and S59	US-PGPUB; USPAT	OR	ON	2010/10/04 15:33

**10/ 4/ 2010 5:27:25 PM**

**C:\ Documents and Settings\ fhoque\ My Documents\ EAST\ Workspaces\ 10587442 - proportional  
variable resistor structures to electrically measure mask misalignment.wsp**